

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: KAWAGOE, et al.

Filed: December 14, 2001

For: PROCESS FOR MANUFACTURING A
SEMICONDUCTOR WAFER, A SEMICONDUCTOR
WAFER, PROCESS FOR MANUFACTURING A
SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE,
AND SEMICONDUCTOR INTEGRATED CIRCUIT
DEVICE



INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 AND 1.98

Assistant Commissioner for Patents
Washington, D.C. 20231

December 14, 2001

Sir:

Pursuant to Applicant's duty of disclosure, enclosed please find a List, on a form substantially equivalent to Form PTO-1449, of documents cited in connection with prior applications of the above-identified application, that is, application Serial No. 09/513,349, filed February 25, 2000, Serial No. 08/934,774, filed September 22, 1997 and Serial No. 08/508,483, filed July 28, 1995.

Since each of the documents on the enclosed List was cited in connection with at least one prior application of the above-identified application, that is, at least one of Serial No. 09/513,349, Serial No. 08/934,774 and Serial No.

08/508,483, being relied upon under 35 USC 120 in the present application, copies of the listed documents are not enclosed. See 37 CFR 1.98(d).


This Information Disclosure Statement is being submitted concurrently with the filing of the above-identified application. Accordingly, requirements of 37 CFR 1.97(b) are clearly satisfied.

In view of all of the foregoing, it is respectfully submitted that all applicable requirements of 37 CFR 1.97 and 1.98 have been satisfied, in connection with all documents on the enclosed List. Accordingly, consideration of the listed documents, upon examination of the above-identified application, is respectfully requested.

To the extent necessary, Applicants petition for an extension of time under 37 CFR § 1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to the Deposit Account No. 01-2135 (Case No. 501.33873VC4) and please credit any excess fees to such Deposit Account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP


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Enclosures

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 501.33873VC4	SERIAL NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT KAWAGOE, et al.	
		FILING DATE December 14, 2001	GROUP

U.S. PTO
10/014405
12/14/01

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
	AA	4,835,740	5-89	Sato		
	AB	5,290,714	3-94	Onozawa		
	AC	4,761,384	8-88	Neppl		
	AD	5,156,990	10-92	Mitchell		
	AE	6,043,114	3-00	Kawagoe		
	AF	4,564,416	1-86	Homma, et al.		
	AG	4,684,971	8-87	Payne, et al.		
	AH	5,237,188	8-93	Iwai, et al.		
	AI	5,396,093	3-95	Lu		
	AJ	5,508,540	4-96	Ikeda, et al.		
	AK	5,508,549	4-96	Watanabe, et al.		
	AL	3,974,003	8-76	Zirinsky, et al.		

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation /Abstract	
						Yes	No
	AM	0373723	6-20-90	Europe			
	AN	0550021	7-85	Europe			
	AO	60132358	7-85	Japan			
	AP	58218159	12-83	Japan			
	AQ	63157477	6-88	Japan			
	AR	61002356	1-86	Japan			
	AS						
	AT						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	Wolf, S., "Silicon Processing for the VLSI Era Vol. 1", ppg. 64-65.
	AV	Ghandhi, S., "VLSI Fabrication Principles Silicon and Gallium Arsenide", ppg. 735-738.
	AW	Yamaguchi, et al., "Process integration and device performance of a submicrometer BiCMOS with 16-GHz f(t) double Poly-Bipolar devices", IEEE Transactions on Electron Devices, Vol. 36, No. 5, ppg. 890-896.
	AX	
	AY	
	AZ	
Examiner		Date Considered

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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
	AA	5,216,269	6-93	Middlehoek, et al.		
	AB	4,525,920	7-85	Jacobs, et al.		
	AC	4,717,686	1-88	Jacobs, et al.		
	AD	4,766,090	8-88	Coquin, et al.		
	AE	5,296,047	3-22-94	Fellner		
	AF	4,477,310	10-84	Park, et al.		
	AG	4,803,179	2-89	Neppl, et al.		
	AH	4,005,453	1-77	Le Can, et al.		
	AI	4,943,536	7-90	Havemann		
	AJ	4,578,128	3-86	Mundt, et al.		
	AK	4,662,082	11-86	Dyson, et al.		
	AL					

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						Yes	No
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Examiner		Date Considered